| CONSERVATION PRACTICE PHYSICAL EFFECT WORKSHEET | | |
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| NOTE: recorded in microsoft word 6.0 - use tabs to | | |
| STATE ARKANSAS FIELD OFFICE | ANY DATE 12/5/96 | |
| PRACTICE: 328 – Conservation Crop | NOTES: The effects of this practice vary widely | |
| Rotation | depending on crops and management | |
| RESOURCE: SOIL | Help Message: Click on form field for choice lists. Use | |
| RESOURCE CONCERN: EROSION | Tab key to move around. "N/A" is the default entry. | |
| RESOURCE INDICATORS | PHYSICAL EFFECTS | |
| SHEET AND RILL | moderate reduction in sheet and rill erosion | |
| WIND | moderate reduction in wind erosion | |
| EPHEMERAL GULLY | slight reduction in ephemeral gully erosion | |
| CLASSIC GULLY | insignificant | |
| STREAMBANK | insignificant | |
| IRRIGATION INDUCED | slight reduction in irrigation induced erosion | |
| SOIL MASS MOVEMENT | N/A | |
| ROADBANK/CONSTRUCTION | N/A | |
| OTHER | | |
| RESOURCE CONCERN: SOIL CONDITION | | |
| SOIL TILTH | significant improvement in soil tilth | |
| SOIL COMPACTION | significant reduction in soil compaction | |
| SOIL CONTAMINATION | • | |
| • SALTS | N/A | |
| ORGANICS | N/A | |
| FERTILIZERS | N/A | |
| PESTICIDES | N/A | |
| OTHER | | |
| DEPOSITION/DAMAGE | | |
| ONSITE | N/A | |
| OFFSITE | N/A | |
| DEPOSITION/SAFETY | - 11-2 | |
| • ONSITE | N/A | |
| OFFSITE | N/A | |
| OTHER | 11/11 | |
| RESOURCE: WATER | | |
| RESOURCE CONCERN: WATER QUANTIT | Y | |
| SEEPS | N/A | |
| RUNOFF/FLOODING | N/A | |
| EXCESS SUBSURFACE WATER | N/A | |
| INADEQUATE OUTLETS | N/A | |
| WATER MGT. IRRIGATION | | |
| SURFACE | N/A | |
| SPRINKLER | N/A | |
| WATER MGT. NON-IRRIGATED | moderate improvement in moisture use | |
| RESTRICTED FLOW CAPACITY | | |
| • ONSITE | N/A | |
| • OFFSITE | N/A | |
| RESTRICTED STORAGE | N/A | |
| OTHER | | |
| V-1-1-1 | 1 | |

| RESOURCE: WATER RESOURCE CONCERN: WATER QUALITY | | |
|-------------------------------------------------|------------------------------------------------|--|
| RESOURCE INDICATORS | PHYSICAL EFFECTS | |
| GROUNDWATER CONTAMINANTS | | |
| • PESTICIDES | insignificant | |
| NUTRIENTS AND ORGANICS | insignificant | |
| • SALINITY | insignificant | |
| HEAVY METALS | N/A | |
| PATHEGENS | N/A | |
| • OTHER | | |
| SURFACE WATER CONTAMINANTS | | |
| • PESTICIDES | insignificant | |
| NUTRIENTS AND ORGANICS | insignificant | |
| SUSPENDED SEDIMENTS | slight reduction in SWater contam./susp. sedi. | |
| LOW DESOLVED OXYGEN | N/A | |
| • SALINITY | N/A | |
| HEAVY METALS | N/A | |
| WATER TEMPERATURE | N/A | |
| • PATHEGENS | N/A | |
| AQUATIC HABITAT SUITABILITY | slight improvement in Aqua. Hab. Suit. | |
| OTHER | | |
| RESOURCE: AIR | | |
| RESOURCE CONCERN: AIR QUALI | ΤΥ | |
| AIRBORN SEDIMENT AND SMOKE | | |
| PARTICLES | | |
| ONSITE SAFETY | N/A | |
| OFFSITE SAFETY | N/A | |
| ONSITE STRUCT. PROBLEMS | N/A | |
| OFFSITE STRUCT. PROBLEMS | N/A | |
| ONSITE HEALTH | N/A | |
| OFFSITE HEALTH | N/A | |
| AIRBORN SEDIMENT CAUSING | N/A | |
| CONVEYANCE PROBLEMS | | |
| AIRBORN CHEMICAL DRIFT | N/A | |
| AIRBORN ODORS | N/A | |
| FUNGI, MOLDS, AND POLLEN | N/A | |
| OTHER | | |
| RESOURCE CONCERN: AIR CONDITION | | |
| AIR TEMPERATURE | N/A | |
| AIR MOVEMENT (windbreak effect) | N/A | |
| HUMIDITY | N/A | |
| OTHER | | |

| RESOURCE: PLANT | |
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| RESOURCE CONCERN: SUITABLIIT | 'V |
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| RESOURCE INDICATORS | PHYSICAL EFFECTS |
| SITE ADAPTATION | N/A |
| PLANT USE | N/A |
| OTHER | |
| RESOURCE CONCERN: CONDITION | |
| PRODUCTIVITY | sign. improvement in plant cond./ productivity |
| HEALTH, VIGOR, SURVIVAL | moder. improvement in plant health, vigor, survival |
| OTHER | 1 7 7 7 |
| RESOURCE CONCERN: MANAGEMI | ENT |
| ESTAB., GROWTH, HARVEST | N/A |
| NUTRIENT MANAGEMENT | moder. improvement in plant nutrient management |
| PESTS | slight improvement in plant pest management |
| THREAT/ENDANGERED PLANTS | N/A |
| OTHER | |
| RESOUTCE: ANIMAL | |
| RESOURCE CONCERN: HABITAT | |
| FOOD | slight improvement in animal habitat/food supply |
| COVER/SHELTER | slight improvement in animal habitat/cover,shelter |
| WATER (QUANTITY & QUALITY) | N/A |
| OTHER | |
| RESOURCE CONCERN: MANAGEMI | ENT |
| POPULATION BALANCE | slight improvement in animal mgt./pop. balance |
| THREAT/ENDANGERED ANIMALS | N/A |
| HEALTH | N/A |
| OTHER | |
| RESOURCE: HUMAN | |
| RESOURCE CONCERNS: ECONOMIC | C CONSIDERATIONS |
| PLAN / COST EFFECTIVENESS | moderately cost effective |
| CLIENT FINANCIAL CONDITION | moderately cost effective |
| MARKETS FOR PRODUCTS | N/A |
| AVAILABLE LABOR | N/A |
| AVAILABLE EQUIPMENT | N/A |
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| RESOURCE: HUMAN | |
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| RESOURCE CONCERN: SOCIAL CONSIDERATIONS | |
| RESOURCE INDICATORS | PHYSICAL EFFECTS |
| PUBLIC HEALTH AND SAFETY | N/A |
| PRIVATE/PUBLIC VALUES | N/A |
| CLIENT CHARACTERISTICS | insignificant |
| RISK TOLERANCE | N/A |
| TENURE | N/A |
| OTHER | |
| RESOURCE CONCERN: CULTURAL | CONSIDERATIONS |
| ABSENCE/PRESENCE OF CULTURAL RESOURCES | N/A |
| SIGNIFICANCE OF CULTURAL RESOURCES | N/A |
| MITIGATION OF NEGITIVE CULTURAL RES. IMPACTS | N/A |
| OTHER | |
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